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**(54)UNSTABLE FLOW SUPPRESSING DEVICE
FOR INDUCER**

(57)Abstract:

PROBLEM TO BE SOLVED: To prevent pulsation or vibration by a cavitation without being accompanied by increase in passage loss and deterioration of cavitation performance.

SOLUTION: In an inducer 15 mounted just before the main impeller of a turbo pump, A casing 12 opposed to the inducer 15 is subjected to a casing treatment 26 formed of one or a plurality of grooves 27.

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